

IN THE SPECIFICATION

**Please delete the heading at page 1, line 1, and insert the following new headings and title:**

TITLE OF THE INVENTION

METHOD OF OPERATING AN RLAN ARRANGEMENT

BACKGROUND OF THE INVENTION

*lem  
5/8/09*  
**Please insert the following heading at page <sup>3</sup>~~X~~, line 1:**

BRIEF SUMMARY OF THE INVENTION

*lem  
5/8/09*  
**Please delete the paragraph at page <sup>3</sup>~~X~~, lines 7-13.**

**Please amend the paragraph at page 9, line 1, as follows:**

Disadvantages are that the network can not look every time for radar signals and that only parts ~~[[pof]]~~ of the MAC frame can be used for radar detection.

**Please amend the paragraph at page 9, line 18, as follows:**

One idea of this invention is to move the responsibility for radar detection to the WTs

- without dedicated assignment of measurement periods. Each device looks autonomously during 100% of its receiving time and the ~~[[idle]]~~ idle times of the MAC frame for radar services. Only during a transmission time the device cannot detect radars. During this time frame another device performs radar detection as only one device can transmit at a given point in time. Overall 100% coverage for radar detection is achieved.